

# PATENT ABSTRACTS OF JAPAN

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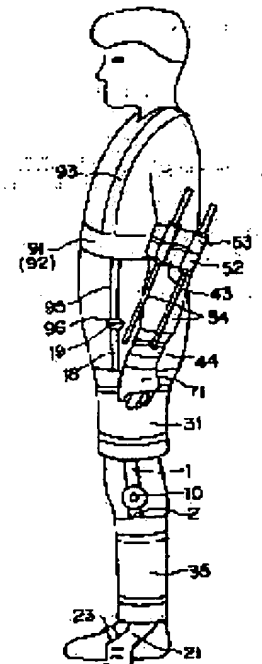
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## (54) OUTFIT FOR FALSELY EXPERIENCING ELDERLY PERSON

### (57)Abstract:

PROBLEM TO BE SOLVED: To make it possible to impart the adequate resistance force to the movements of the joints such as the bending and stretching motion and twisting motion of the elbow joints in correspondence to the large differences in age widths, i.e., muscle forces.

SOLUTION: First stay members 1 to be fixed to the thigh and second stay members 2 to be fixed to the lower limbs are connected freely swingably in the knee joint portions and are provided with torque damper bodies 10 of a rotary type which generate the resistance force according to this oscillation. The torque damper bodies 10 are made changeable in the magnitude of their resistance force by changing the number of installation, etc. A pair of right and left torque dampers 51L and 51R of a reciprocating type which are made freely slidable in rod parts 54 relative to cylindrical parts 52 and 53 are disposed. The cylinder parts 52 and 53 are freely oscillatably mounted individually independently with



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respect to the upper arms via universal joints 56. The front ends of the rod parts 54 are freely oscillatably mounted to the upper arms via central side universal joints 62 and end side universal joints 64.

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